

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 7,008,967 B2  
APPLICATION NO. : 10/533096  
DATED : March 7, 2006  
INVENTOR(S) : Martin Jokobus Keyser and Margaretha Coertzen

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 41, reads "...methane obviating the need to quench the raw synthesis gas..." and should read -- ...methane, obviating the need to quench the raw synthesis gas... --.

Column 1, line 56, reads "Subjecting the steam at a temperature of at least 400° C., ..." and should read -- Subjecting the upgraded synthesis gas to a water-gas shift reaction stage typically includes adding steam at a temperature of at least 400° C.,... --.

Column 2, lines 36-37, reads "The Fischer-Tropsch hydrocarbon synthesis stage may be provided with any bed reactor. The pressure in the reactor..." and should read -- The Fischer-Tropsch hydrocarbon synthesis stage may be provided with any suitable reactor such as a tubular fixed bed reactor, a slurry bed reactor or an ebullating bed reactor. The pressure in the reactor....--.

Column 3, lines 12-13, reads "The invention will now be described, by way of example, with reference to the ..." and should read -- The invention will now be described, by way of example, with reference to the accompanying diagrammatic drawings in which --.

Column 12, line 1, reads "The process as claimed in claim 3, which the thermal ..." and should read -- The process as claimed in claim 3, in which the thermal ... --.

Column 12, lines 32-34, reads "The process as claimed in claim 11, the synthesis gas conversion stage is a Fischer-Tropsch hydrocarbon synthesis ge." and should read -- The process as claimed in claim 11, in which the synthesis gas conversion stage is a Fischer-Tropsch hydrocarbon stage. --.

Column 4, line 58, reads " $3C + 2H_2O \rightarrow CH_42CO \dots$ " and should read --  $3C+2H_2O \rightarrow CH_4 + 2CO \dots$ --.

Column 5, lines 62- 63, reads "In the synthesis gas sweetening stage 20, the cooled synthesis, gas is further cooled in a series of heat exchangers ..." and should read -- In the synthesis gas sweetening stage 20, the cooled synthesis gas is further cooled in a series of heat exchangers ... --.

Column 6, lines 11-12, reads "...are removed from the synthesis gas sweetening stage 20 by means along the naphtha removal line 50." and should read -- are removed from the synthesis gas sweetening stage 20 by means of the sulphur removal line 52, whilst the naphtha is passed to a refinery (not shown) along the naphtha removal line 50. --.

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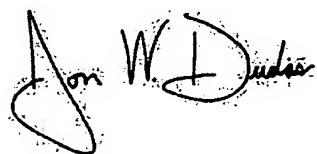
Column 7, lines 46-47, reads "...(trade name) conventional process being similar to the process 10 as far as the stages 20, 22, 24 and 26 are ..." and should read -- . . .(trade name) gasification process followed by quenching and cooling of raw synthesis with the conventional process being similar to the process 10 as far as the stages 20,22,24 and 26 are ...--.

Column 8, line 24, reads "Composition (mol %)" and should read -- Composition (mole %) --.

Column 8, line 62, reads.. ."invention, as illustrated, also does no require a methane..." and should read -- ... invention, as illustrated, also does not require a methane...--.

This certificate supersedes Certificate of Correction issued August 22, 2006.

Signed and Sealed this  
Second Day of January, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*